ml1112paper: Solve by factoring (v10)

1. Solve the equation
$$x^2 - x - 42 = 0$$

2. Solve the equation
$$x^2 - 10x + 16 = 0$$

3. Solve the equation
$$6x^2 + 10x + 20 = 5x^2 - x + 2$$

4. Solve the equation
$$9x^2 + 13x + 31 = 8x^2 + x - 1$$

5. Solve the equation
$$3x^2 - 19x - 72 = 0$$

6. Solve the equation
$$2x^2 - 13x + 15 = 0$$

7. Solve the equation
$$10x^2 - 13x + 27 = 8x^2 + 4x - 9$$

8. Solve the equation
$$10x^2 - x - 57 = 8x^2 - 4x - 3$$